Site: New Bedford
Break: 4.6
Other: 222699

☐ MRD ☒ Omaha District	**CORPS OF ENGINEERS** **ENGINEERING REVIEW COMMENTS**	TO:

PLANS & SPECIFICATIONS AND/OR DESIGN REPORT ☒ PRELIM ☐ FINAL ☐ AS-ADV.	DESIGNED BY: ☒ AE ☐ DIST	PROJECT: Superfund - New Bedford, Upper Harbor
LOCATION OR BASE: New Bedford, Massachusetts	INVITATION NO.:	BID OPENING DATE:
COMMENTS BY: C.C. Hargleroad	BRANCH OR SECTION: Geo Branch, F & M Section	DATE: 20 September 1984

DRAWING NUMBER OR PARAGRAPH NUMBER	ITEM NUMBER	COMMENTS SHEET 1 OF 1	PHONED TO: (Name/Date)
Figures 7-7, 7-8, 7-10 & 7-1	[redacted]	Hydrostatic pressure and the pervious nature of the sand blanket would force water from one side of the embankment to the other, or into the embankment, depending on the head differential between the containment area and upper New Bedford Harbor (Figure 2). Hydrostatic pressure on the embankment would result in cracking and settlement of the embankment. This same pressure could cause "bubbling" of the liner if the containment area is lined and there is no balancing contaminated material on the top side of the membrane (Figure 1). The lower section of the embankment slope should be flattened and an impervious layer placed over the exposed sand blanket.	
Page 9.2	[redacted]	$79.5 million for lined containment area vs $27.8 million for unlined containment area seem excessive. [redacted]	
		ADDENDUM TO DRAFT FEASIBILITY STUDY	
2-4 Figure 2-2	[redacted]	Cover exposed sand blanket with impervious material to prevent migration of water from the containment area to the harbor (and vice versa).	
2-3 Step 2	[redacted]	Fill should be placed in lifts of 6"-8", not 6"-12" Sheepsfoot Roller would work better for compacting glacial till than vibratory roller.	